



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Ikuo TAKAHASHI, et al.**

Group Art Unit: 1711

Serial No.: **10/698,934**

Examiner: Not yet assigned

Filed: **November 3, 2003**

Confirmation No.: **5043**

For: **A BIODEGRADABLE PLASTIC COMPOSITION, A MOLDED ARTICLE THEREOF AND A METHOD FOR CONTROLLING BIODEGRADATION RATE USING THE SAME COMPOSITION**

Attorney Docket No.: **032044**

Customer Number: **38834**

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

February 19, 2004

Sir:

Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached Form PTO-1449. A copy of each listed document is attached.

Some of these documents were cited in an European Search Report for a corresponding European application. A copy of the Search Report is also attached.

No fee or certification is required in connection with this Information Disclosure Statement, because it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. Applicants respectfully request that the information be expressly considered during the prosecution of this application

and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 50-2866 for any fee that is required to effect consideration of this statement.

Respectfully submitted,

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP



Sadao Kinashi
Attorney for Applicants
Registration No. 48,075

SK/fs
1250 Connecticut Avenue, NW
Suite 700
Washington, D.C. 20036
(202) 822-1100

Enclosures: Form PTO-1449 & 13 References
European Search Report

INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 032044	Serial No. 10/698,934
	Applicant(s): Ikuo TAKAHASHI, et al.	
	Filing Date: November 3, 2003	Group Art Unit: 1711

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
AA	2,941,956	Bergstrom	06/21/1960	502	45	
AB	5,484,881	Gruber et al.	01/16/1996	528	354	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
AC	4-168149	06/16/1992	Japan	Yes (Abstract)
AD	9-12688	01/14/1997	Japan	Yes (Abstract)
AE	11-80522	03/26/1999	Japan	Yes (Abstract)
AF	2001-525473 (WO 99/29768)	12/11/2001 (06/17/1999)	Japan (PCT)	Yes (Abstract)
AG	6-184417	07/05/1994	Japan	Yes (Abstract)
AH	2002-114893	04/16/2002	Japan	Yes (Abstract)
AI	47-33279	08/24/1972	Japan	No
AJ	1 193 050	04/03/2002	Europe	No
AK	0 890 604	01/13/1999	Europe	N/A
AL	196 30 599	02/05/1998	Germany	No

OTHER DOCUMENTS

AM	T. W. Campbell and K. C. Smeltz; Carbodiimides. IV., <i>High Polymers Containing the Carbodiimide Repeat Unit</i> ; J. Org. Chem. 28, pp. 2069-2075, August 1963
AN	Williams and Ibrahim; <i>Carbodiimide Chemistry</i> ; Chemical Reviews, 1981, Vol. 81, No. 4, pp. 619-621
AO	XP-0022666309, Nagano et al.; <i>Fire-, heat-, and hydrolysis-resistant polyester elastomer compositions</i> ; JP 11-021436, Abstract, January 26, 1999
AP	Communication dated January 26, 2004 with European Search Report
Examiner	Date Considered

